IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: K. OSADA, et al.

Application No.:   Rule 1.53(b) Continuation of U.S. Patent Application
                     Serial No. 10/320,516, filed December 17, 2002

Filed: On even date herewith

For: SEMICONDUCTOR MEMORY APPARATUS,
                     SEMICONDUCTOR APPARATUS, DATA PROCESSING
                     APPARATUS AND COMPUTER SYSTEM

Art Group of Parent: 2818

Examiner of Parent: H. V. Ho

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.97 & 1.98

Commissioner for Patents   October 17, 2003
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In the matter of the above-identified application, this Information Disclosure

Statement is being submitted with the following citation as specified in 37 CFR

§1.97(d).

> "A copy of any patent, publication or other information listed in
> an Information Disclosure Statement is not required to be provided if it
> was previously cited by or submitted to the Office in a prior application,
> provided that the prior application is properly identified in the statement
> and relied upon for an earlier filing date under 35 U.S.C. §120."

Applicants are submitting herewith a copy of Form PTO/SB/08A which list

documents cited in parent applications Serial No. 10/320,516, filed December 12,

2002, which is a continuation of application Serial No. 09/988,197, filed November

19, 2001; which is a continuation of application Serial No. 09/577,149, filed May 24,

2000 (now USP 6,396,732); which is a continuation of application Serial No. 08/906,883, filed August 6, 1997 (now USP 6,091,629), the entire disclosures of which are hereby incorporated by reference.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

To the extent necessary, the applicants petition for an extension of time under 37 CFR 1.136. Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus, Deposit Account No. 01-2135 (500.35578CC5).

Respectfully submitted,

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Substitute for form 1449A/PTO	**Complete if Known**	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT *(use as many sheets as necessary)*	**Application Number**	Not assigned yet
	Filing Date	On even date herewith
	First Named Inventor	K. OSADA, et al.
	Art Unit	Not assigned yet
	Examiner Name	Not assigned yet
Sheet 1 of 1	**Attorney Docket Number**	500.35578CC5

U.S. PATENT DOCUMENTS

Examiner Initials'	Cite No.[1]	Document Number Number-Kind Code[2] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		5.253.207	10/93	Shikatani	
		5.675.529	10/97	Poole	
		5.574.687	11/96	Nakase	
		5.517.462	05/96	Iwamoto et al	
		5.387.827	02/95	Yokoyama et al	
		5.535.172	07/96	Reddy et al	
		4.984.204	01/91	Sato et al	
		5.053.652	10/91	Sato et al	
		5.657.286	08/97	Arimoto	
		5.570.319	10/96	Santoro et al	
		5,657,273	8/12/97	Ayukawa et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials'	Cite No.[1]	Foreign Patent Document Country Code[3]–Number[4]–Kind Code[5] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T[6]
		4-85789	3/18/92			
		3-216892	9/24/91			
		3-3195	1/09/91			
		8-212776	8/96			
		2-50396	2/90			
		7-201197	8/95			

OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T[2]
		Osada et al., "A 2ns Access, 285MHz, Two-Port Cache Macro Using Double Global Bit-Line Pairs" ISSCC Digest of Technical Papers, pp. 402-403	
		Kushiyami et al., "A 295MHz CMOS 1M (x256) Embedded SRAM Using Bi-directional Read/Write Shared Sense Amps and Self-Timed Pulsed Word-Line Drivers" ISSCC Digest of Technical Papers, Feb. 1995, pp. 304-305	
		IEEE Journal of Solid State Circuits, Vol. 23, No. 5, Oct. 1988, pp. 1048-1053	

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1]Applicant's unique citation designation number (optional). [2]See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. [3]Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). [4]For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [5]Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. [6]Applicant is to place a check mark here if English language Translation is attached.